

National Aeronautics and
Space Administration

Glenn Research Center
Lewis Field
Cleveland, Ohio 44135-3191



Electrical, Electronic or Computer Engineer Student Trainee Position

Research and Technology Directorate (R)
NASA Glenn Research Center, Cleveland, OH

Job Description: Co-op student will perform engineering duties by rotating semesters into various branches in the Research and Technology Directorate (R-5000). Assignments will match students' interests and the organizations' needs. Possible assignments may be in the in Digital Communications Branch (RCD-5650), the Communication System Integration Branch (RCI-6120), the Satellite Networks and Architecture Branch (RCN-5610), the Controls and Dynamics Branch (RIC-5530), the Optical Instrumentation and NDE Branch (RIO-5520), the Sensors and Electronics Branch (RIS-5510), the Electrochemistry Branch (RPC-5420), the Advanced Electrical Systems Branch (RPE-5450), and the Electro-Physics Branch (RPY-5480). The student will work closely with researchers in the branches to develop and test advanced components and systems for Power and Propulsion, Instrumentation and Controls, and Space and Terrestrial Communications applications. The student will perform computational simulation and experimental research, which may include defining simulation requirements and experimental hardware, as well as conducting device fabrication and testing. Complexity of the research will increase as the student gains experience.

Length of Position: Alternating quarters/semesters until graduation.

Job Openings: 1 position available

Minimum Eligibility: Junior in Electrical, Electronics or Computer Engineering
GPA 3.0 (4.0 scale)
United States Citizen
Enrolled as a full-time student
Enrolled in university's co-op program
Must be recommended by appropriate staff member at University.
Major field of study should match Branch assignments listed above.

Salary Range: Based on 2004 Office of Personnel Management salary table:
\$11.67 - \$14.55 per hour (undergraduate student)
\$16.17 per hour + (graduate student)

Closing Date: Until filled